

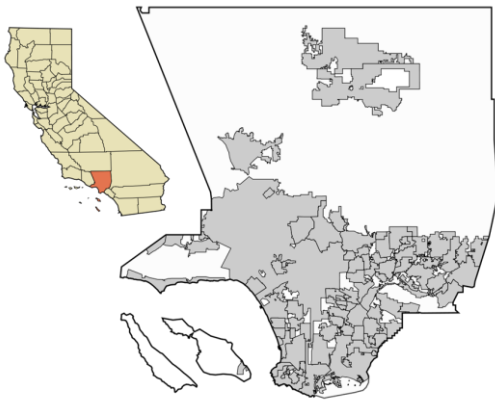


Staff Report on Progress of Conversion Technology Development

CHRIS SHEPPARD

Overview

- Progress of Siting and Building AT Facilities for Processing Solid Waste
- Calabasas Landfill Anaerobic Digestion Facility
- Feasibility Analysis for Additional Conversion Technology Sites
- Facility Development Timeline



Progress of Siting and Building Alternative Technology Facilities for Processing Solid Waste

- Conversion Technology Program
- Identifying Potential Sites
- Potential Solutions
- Calabasas Landfill Anaerobic Digestion Facility



Calabasitas Landfill Anaerobic Digestion Facility

- Landfill is owned by the County and operated by County Sanitation Districts
- Community Outreach Plan
- Requests for Proposals
- Public-Private Partnership



Feasibility Analysis for Additional Conversion Technology Sites

- Closed Landfill Sites
 - Palos Verdes Landfill
 - Quartz Hill Solid Waste Disposal
 - La Verne City Dump
 - Gorman Dump



Facility Development Timeline

Gasification Facility (Biomass Feedstock)

Process	Time
Land Use/CEQA	2-5 years
Obtain Permits Prior to Construction + Permits to Operate	7 months
Construct Facility	18 months
Commissioning + Start-up	3 months
TOTAL (Time to Operate)	2-5 years

Gasification Facility (MSW Feedstock)

Process	Time
Land Use/CEQA	2-5 years
Obtain Permits Prior to Construction + Permits to Operate	18 months
Construct Facility	18 months
TOTAL (Time to Operate)	5-8 years

Anaerobic Digestion Facility

Process	Time
Land Use/CEQA	1-2 years
Obtain Permits Prior to Construction + Permits to Operate	1 year
Construct Facility	1 year
TOTAL (Time to Operate)	3-4 years

Conversion Technology Benefits

- Reduce waste exported out of County
- Reduce emissions of methane and other greenhouse gases
- Produce renewable energy



Questions

